

NCI Thyroid FNA State of the Science Conference

Committee 3 Techniques



NCI Thyroid FNA Conference

Section 3: **Techniques**

- Q1: Aspiration devices, needles, methods?
- Q2: Role of anesthesia?



B. Role & Guidelines Anesthesia: Review & Controversy

- No published data local anesthesia (LA)
- FNA only minor pain, LA often be avoided
- Natl Committee for Lab Standards
 - Injection -> More pain then FNA
 - Fluid obscures target
 - Fluid -> Cellular degeneration, Δ morphology
- In experienced hands: NCLS false

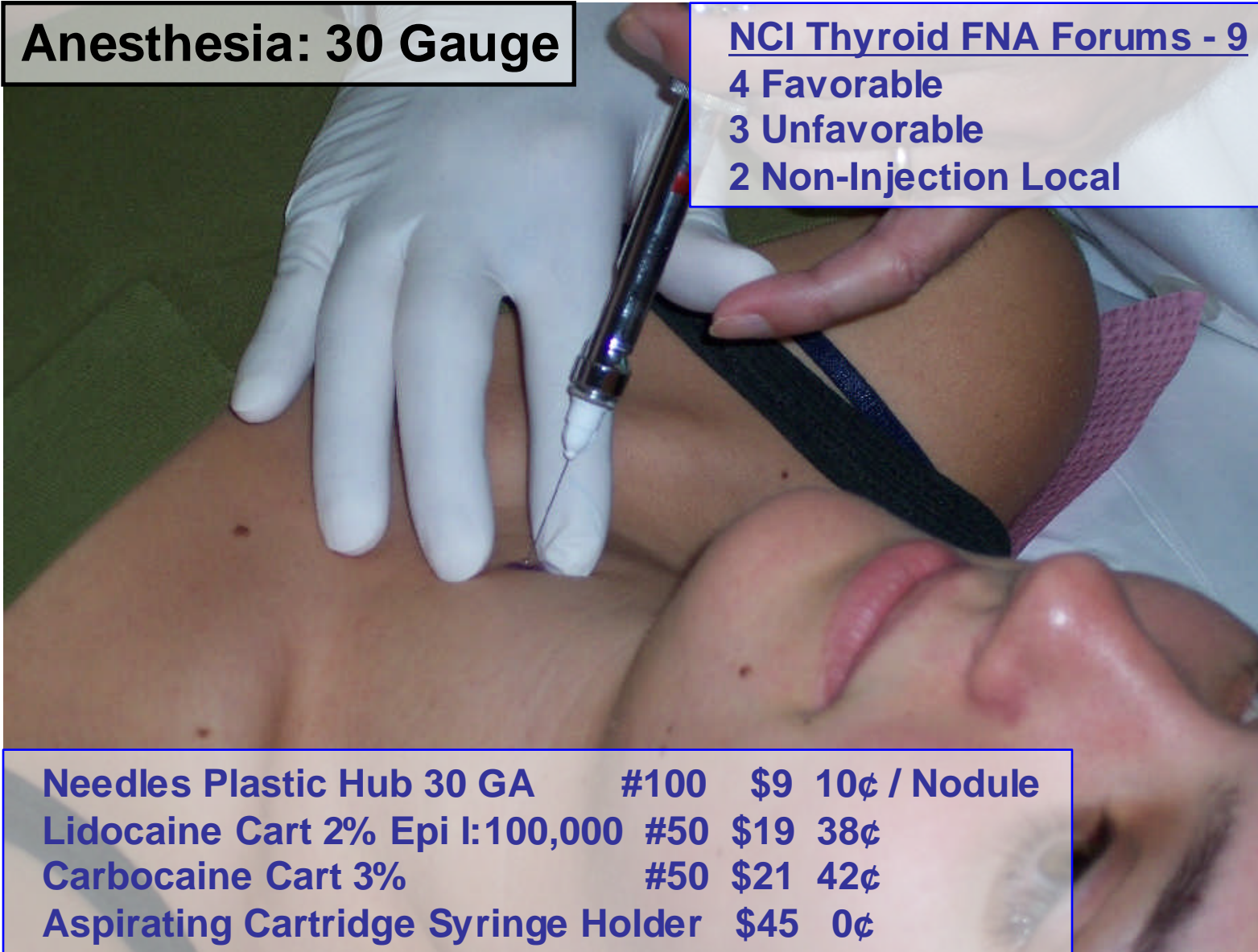
Anesthesia: 30 Gauge

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4 Favorable

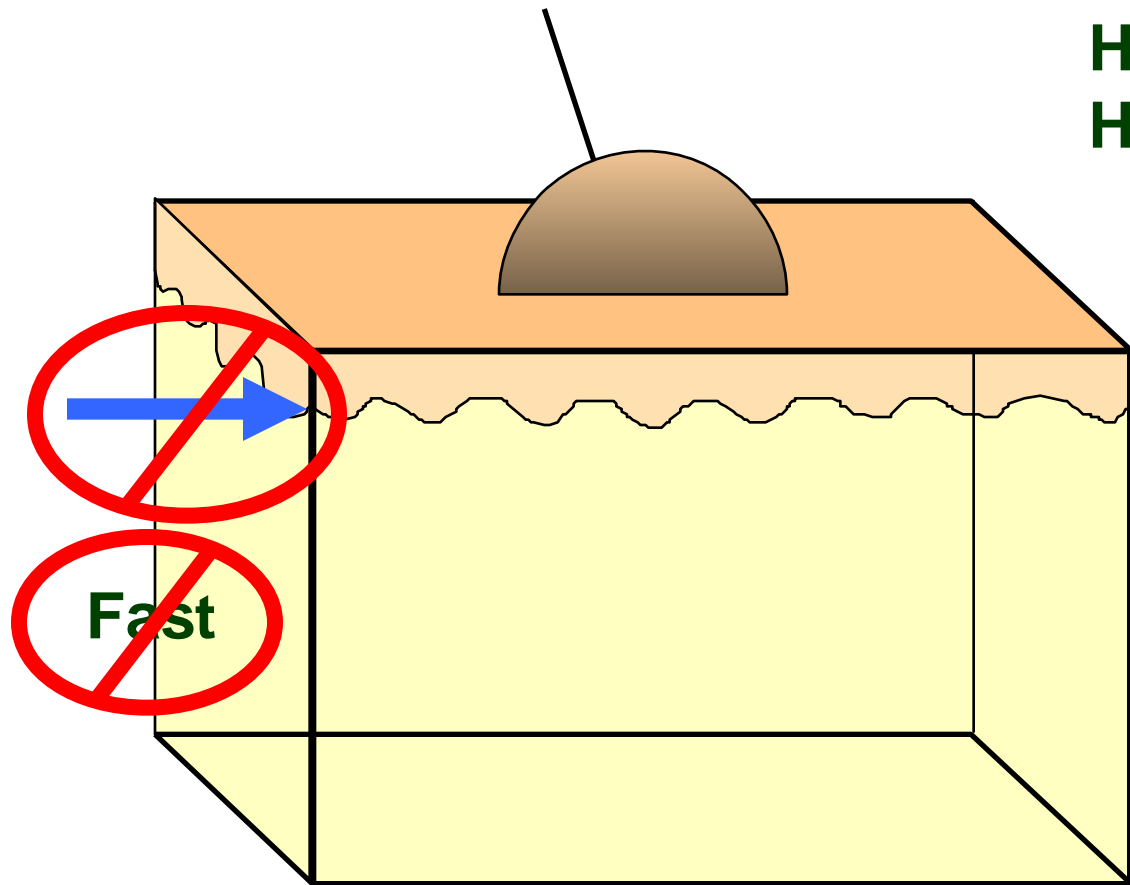
3 Unfavorable

2 Non-Injection Local



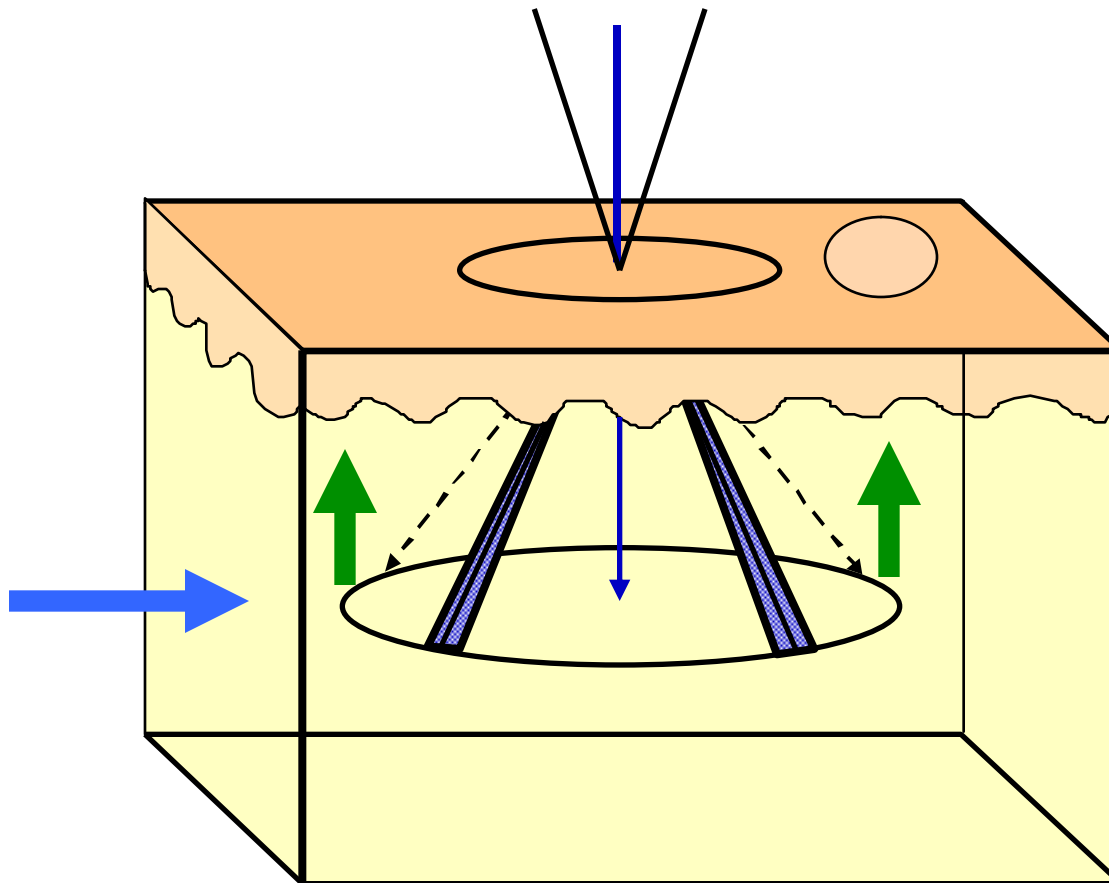
Needles Plastic Hub 30 GA	#100	\$9	10¢ / Nodule
Lidocaine Cart 2% Epi 1:100,000	#50	\$19	38¢
Carbocaine Cart 3%	#50	\$21	42¢
Aspirating Cartridge Syringe Holder		\$45	0¢

CUTANEOUS ANESTHESIA



How Deep?
How Fast &
How Much?

CUTANEOUS ANESTHESIA



B. Role & Guidelines Anesthesia: Controversy & Conclusions

- “The trend with many very experienced FNA physicians has been to offer local anesthesia.”
- “The trend with those experienced in LA to offer it to FNA patients.”
- FNA Doc Communication / Rapport
- Learn / Practice Effective LA Technique
- Others Never Use LA / Successful Practices
- Use or Non-Use of LA is within the Judgment & Discretion of the FNA Physician

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**Open
Discussion**